

B4894A - PCT.ST25  
SEQUENCE LISTING

<110> INSTITUT PASTEUR  
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE  
CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS  
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE

<120> PEPTIDES SYNTHETIQUES OU NATURELS LIANT LA PROTEINE PHOSPHATASE 2A,  
METHODE D'IDENTIFICATION ET UTILISATIONS

<130> B4894A PCT

<140> PCT/FR 02/02705

<141> 2002-07-26

<150> FR 0110139

<151> 2001-07-27

<160> 44

<170> PatentIn version 3.1

<210> 1

<211> 18

<212> PRT

<213> virus HIV

<400> 1

Val Glu Ala Leu Ile Arg Ile Leu Gln Gln Leu Leu Phe Ile His Phe  
1 5 10 15

Arg Ile

<210> 2

<211> 16

<212> PRT

<213> virus HIV

<400> 2

Arg His Ser Arg Ile Gly Ile Ile Gln Gln Arg Arg Thr Arg Asn Gly  
1 5 10 15

<210> 3

<211> 14

<212> PRT

<213> Theileria parva

<400> 3

Arg Lys Ile Gly Arg Gly Lys Phe Ser Glu Val Phe Glu Gly  
1 5 10

<210> 4

<211> 29

<212> PRT

<213> Theileria parva

<400> 4

Thr Val Thr Lys Asp Cys Val Ile Lys Ile Leu Lys Pro Val Lys Lys  
1 5 10 15

B4894A - PCT.ST25

Lys Lys Ile Lys Arg Glu Ile Lys Ile Leu Gln Asn Leu  
20 25

<210> 5  
<211> 16  
<212> PRT  
<213> Theileria parva

<400> 5

Lys Ile Leu Arg Leu Ile Asp Trp Gly Leu Ala Glu Phe Tyr His Pro  
1 5 10 15

<210> 6  
<211> 12  
<212> PRT  
<213> virus HIV

<400> 6

Val Glu Ala Leu Ile Arg Ile Leu Gln Gln Leu Leu  
1 5 10

<210> 7  
<211> 12  
<212> PRT  
<213> virus HIV

<400> 7

Ala Leu Ile Arg Ile Leu Gln Gln Leu Leu Phe Ile  
1 5 10

<210> 8  
<211> 12  
<212> PRT  
<213> virus HIV

<400> 8

Ile Arg Ile Leu Gln Gln Leu Leu Phe Ile His Phe  
1 5 10

<210> 9  
<211> 12  
<212> PRT  
<213> virus HIV

<400> 9

Ile Leu Gln Gln Leu Leu Phe Ile His Phe Arg Ile  
1 5 10

<210> 10  
<211> 12  
<212> PRT  
<213> virus HIV

<400> 10

B4894A - PCT.ST25

Arg His Ser Arg Ile Gly Ile Ile Gln Gln Arg Arg  
1 5 10

<210> 11  
<211> 12  
<212> PRT  
<213> virus HIV

<400> 11

Ser Arg Ile Gly Ile Ile Gln Gln Arg Arg Thr Arg  
1 5 10

<210> 12  
<211> 12  
<212> PRT  
<213> virus HIV

<400> 12

Ile Gly Ile Ile Gln Gln Arg Arg Thr Arg Asn Gly  
1 5 10

<210> 13  
<211> 12  
<212> PRT  
<213> Theileria parva

<400> 13

Thr Val Thr Lys Asp Lys Cys Val Ile Lys Ile Leu  
1 5 10

<210> 14  
<211> 12  
<212> PRT  
<213> Theileria parva

<400> 14

Thr Lys Asp Lys Cys Val Ile Lys Ile Leu Lys Pro  
1 5 10

<210> 15  
<211> 12  
<212> PRT  
<213> Theileria parva

<400> 15

Asp Lys Cys Val Ile Lys Ile Leu Lys Pro Val Lys  
1 5 10

<210> 16  
<211> 12  
<212> PRT  
<213> Theileria parva

<400> 16

Cys Val Ile Lys Ile Leu Lys Pro Val Lys Lys Lys  
1 5 10

<210> 17  
 <211> 12  
 <212> PRT  
 <213> Theileria parva

<400> 17

Ile Lys Ile Leu Lys Pro Val Lys Lys Lys Lys Ile  
 1 5 10

<210> 18  
 <211> 12  
 <212> PRT  
 <213> Theileria parva

<400> 18

Ile Leu Lys Pro Val Lys Lys Lys Lys Ile Lys Arg  
 1 5 10

<210> 19  
 <211> 12  
 <212> PRT  
 <213> Theileria parva

<400> 19

Lys Pro Val Lys Lys Lys Lys Ile Lys Arg Glu Ile  
 1 5 10

<210> 20  
 <211> 12  
 <212> PRT  
 <213> Theileria parva

<400> 20

Val Lys Lys Lys Lys Ile Lys Arg Glu Ile Lys Ile  
 1 5 10

<210> 21  
 <211> 12  
 <212> PRT  
 <213> Theileria parva

<400> 21

Lys Lys Lys Ile Lys Arg Glu Ile Lys Ile Leu Gln  
 1 5 10

<210> 22  
 <211> 12  
 <212> PRT  
 <213> Theileria parva

<400> 22

Lys Ile Lys Arg Glu Ile Lys Ile Leu Gln Asn Leu  
 1 5 10

B4894A - PCT.ST25

<210> 23  
 <211> 12  
 <212> PRT  
 <213> Theileria parva

<400> 23

Lys Ile Leu Arg Leu Ile Asp Trp Gly Leu Ala Glu  
 1 5 10

<210> 24  
 <211> 12  
 <212> PRT  
 <213> Theileria parva

<400> 24

Leu Arg Leu Ile Asp Trp Gly Leu Ala Glu Phe Tyr  
 1 5 10

<210> 25  
 <211> 12  
 <212> PRT  
 <213> Theileria parva

<400> 25

Leu Ile Asp Trp Gly Leu Ala Glu Phe Tyr His Pro  
 1 5 10

<210> 26  
 <211> 54  
 <212> DNA  
 <213> virus HIV

<400> 26

gtggaagcct taataagaat tctgcaacaa ctgctgttta ttcatttcag aatt 54

<210> 27  
 <211> 48  
 <212> DNA  
 <213> virus HIV

<400> 27

cgacatagca gaataggcat tattcaacag aggagaacaa gaaatgga 48

<210> 28  
 <211> 42  
 <212> DNA  
 <213> Theileria parva

<400> 28

aggaagatcg gaagagggaa gttcagtga gtttttgagg ga 42

<210> 29  
 <211> 90  
 <212> DNA  
 <213> Theileria parva

<400> 29

acagtaacga aggataaatg cgtaataaaa atcctaaagc ctgtaaagaa gaagaaaatc 60

aagagagaga ttaagattct acagaaccta

90

<210> 30  
 <211> 48  
 <212> DNA  
 <213> Theileria parva

<400> 30  
 aaaataactaa ggctaattga ctggggatta gctgagtttt accaccca

48

<210> 31  
 <211> 12  
 <212> PRT  
 <213> Theileria parva

&lt;400&gt; 31

Arg Lys Ile Gly Arg Gly Lys Phe Ser Glu Val Phe  
 1 5 10

<210> 32  
 <211> 12  
 <212> PRT  
 <213> Theileria parva

&lt;400&gt; 32

Ile Gly Arg Gly Lys Phe Ser Glu Val Phe Glu Gly  
 1 5 10

<210> 33  
 <211> 11  
 <212> PRT  
 <213> Theileria parva

&lt;400&gt; 33

Pro Arg Arg Pro Gly Pro Thr Arg Lys His Tyr  
 1 5 10

<210> 34  
 <211> 18  
 <212> PRT  
 <213> Theileria parva

&lt;400&gt; 34

Pro Arg Arg Pro Gly Pro Thr Arg Lys Pro Arg Arg Pro Gly Pro Thr  
 1 5 10 15

Arg Lys

<210> 35  
 <211> 18  
 <212> PRT  
 <213> Theileria parva

&lt;400&gt; 35

Arg Gln Lys Arg Leu Ile Arg Gln Lys Arg Leu Ile Arg Gln Lys Arg

1

5

10

15

Leu Ile

<210> 36  
 <211> 6  
 <212> PRT  
 <213> Theileria parva

&lt;400&gt; 36

Arg His Ser Arg Ile Gly  
 1 5

<210> 37  
 <211> 12  
 <212> PRT  
 <213> Theileria parva

&lt;400&gt; 37

Arg His Ser Arg Ile Gly Arg His Ser Arg Ile Gly  
 1 5 10

<210> 38  
 <211> 18  
 <212> PRT  
 <213> Theileria parva

&lt;400&gt; 38

Arg His Ser Arg Ile Gly Arg His Ser Arg Ile Gly Arg His Ser Arg  
 1 5 10 15

Ile Gly

<210> 39  
 <211> 18  
 <212> PRT  
 <213> Theileria parva

&lt;400&gt; 39

Ala His Ser Arg Ile Gly Ala His Ser Arg Ile Gly Ala His Ser Arg  
 1 5 10 15

Ile Gly

<210> 40  
 <211> 16  
 <212> PRT  
 <213> Theileria parva

&lt;400&gt; 40

Arg His Ser Arg Ile Gly Val Thr Arg Gln Arg Arg Ala Arg Asn Gly  
 1 5 10 15

B4894A - PCT.ST25

<210> 41  
 <211> 16  
 <212> PRT  
 <213> Theileria parva

<400> 41

Arg Arg Arg Arg Arg Arg Arg Ser Arg Gly Arg Arg Arg Arg Thr Tyr  
 1 5 10 15

<210> 42  
 <211> 6  
 <212> PRT  
 <213> Theileria parva

<400> 42

Arg Gln Lys Arg Leu Ile  
 1 5

<210> 43  
 <211> 30  
 <212> PRT  
 <213> Theileria parva

<400> 43

Thr Val Thr Lys Asp Lys Cys Val Ile Lys Ile Leu Lys Pro Val Lys  
 1 5 10 15

Lys Lys Lys Ile Lys Arg Glu Ile Lys Ile Leu Gln Asn Leu  
 20 25 30

<210> 44  
 <211> 29  
 <212> PRT  
 <213> Theileria parva

<400> 44

Leu Phe Ile His Phe Arg Ile Gly Cys Gln His Ser Arg Ile Gly Ile  
 1 5 10 15

Thr Arg Arg Arg Arg Val Arg Asp Gly Ser Ser Arg Pro  
 20 25